

... FRAME COLOR

PURPOSE

Specifies the color of the plot frame on subsequent plots. See the Color chapter for a list of available colors.

DESCRIPTION

The frame is the 4-sided box which surrounds the usual 2-dimensional plot. The analyst can control the color of each or all of the sides of the frame by specifying the prefix in the command (see the SYNTAX section below).

SYNTAX

<prefix>FRAME COLOR <color>

where <prefix> is as follows:

no prefix	refers to all 4 sides;
the prefix X	refers to both horizontal sides;
the prefix Y	refers to both vertical sides;
the prefix X1	refers to the lower horizontal side;
the prefix X2	refers to the upper horizontal side;
the prefix Y1	refers to the left vertical side;
the prefix Y2	refers to the right vertical side;

and <color> is a string or an integer number or parameter that specifies the desired color.

EXAMPLES

```
FRAME COLOR YELLOW
FRAME COLOR RED
FRAME COLOR
X2FRAME COLOR CYAN
Y2FRAME COLOR MAGENTA
```

NOTE 1

A ...FRAME COLOR command with no arguments reverts the setting to default. Thus X1FRAME COLOR with no arguments sets the bottom horizontal frame line color to black. A ...FRAME COLOR command with no prefix refer to all 4 sides. Thus FRAME COLOR GREEN sets the frame line color to green on all 4 sides. FRAME COLOR with no prefix and no arguments reverts the frame color settings on all 4 sides to default.

NOTE 2

Normally all frame lines are set to the same color, so the most common form of this command is FRAME COLOR with no prefix.

DEFAULT

All frame lines are black.

SYNONYMS

None

RELATED COMMANDS

PLOT	=	Generates a data or function plot.
FRAME	=	Sets the on/off switch for the plot frame.
FRAME COORDINATES	=	Sets the location for the plot frame.
FRAME THICKNESS	=	Sets the thickness of the plot frame.
MARGIN COLOR	=	Sets the color for the plot margin.
BACKGROUND COLOR	=	Sets the color for the plot background.

APPLICATIONS

Presentation Graphics

IMPLEMENTATION DATE

Pre-1987

PROGRAM

```
LET LEAD = DATA ...  
    164 426 59 98 312 263 607 497 213 54 160 262 547 325 419 94 70  
LET POT = DATA ...  
    106 175 61 79 94 121 424 328 107 218 140 179 246 231 245 339 99  
.  
TITLE DEMONSTRATE FRAME COLOR COMMAND  
TITLE SIZE 5  
X1FRAME COLOR G10  
X2FRAME COLOR G90  
Y1FRAME COLOR G25  
Y2FRAME COLOR G75  
FRAME THICKNESS 0.3  
X1LABEL LEAD  
Y1LABEL POTASSIUM  
CHARACTER CIRCLE  
CHARACTER SIZE 1.5  
LINE BLANK ALL  
PLOT POT VS LEAD
```

